

What is claimed is:

- 1 1. An absorbent structure for use in a disposable absorbent product
2 for absorbing bodily fluids, said structure comprising: a fluid storage layer including
3 matrix fibers and a superabsorbent polymer for receiving fluids and a distribution strip
4 positioned below said fluid storage layer, said distribution strip including cellulosic
5 fibers and having a basis weight of between 45 grams per square meter and 140 grams
6 per square meter and having a density of between 0.20 grams per cubic centimeter and
7 0.60 grams per cubic centimeter.

- 1 2. The absorbent structure of claim 1 wherein said cellulosic fibers
2 of said distribution strip are selected from the group consisting of cotton linters,
3 mercerized cellulose, fluff pulp, chemically treated cellulose and mixtures thereof.

- 1 3. The absorbent structure of claim 2, wherein said chemically
2 treated cellulose is treated with a polyvalent ion selected from the group consisting of
3 aluminum, calcium, magnesium and mixtures thereof.

- 1 4. The absorbent structure of claim 1 wherein said absorbent
2 product is selected from the group consisting of diapers, feminine hygiene pads and
3 adult incontinence products.

- 1 5. The absorbent structure of claim 1 wherein said distribution
2 strip has a basis weight of between 75 grams per square meter and 110 grams per
3 square meter.

- 1 6. The absorbent structure of claim 1 wherein said distribution
2 strip has a density of between 0.25 grams per cubic centimeter and 0.55 grams per
3 cubic centimeter.

1 7. The absorbent structure of claim 1 wherein said distribution
2 strip is made by a wet-laid process.

1 8. The absorbent structure of claim 1 wherein said distribution
2 strip is made by an air-laid process.

1 9. An absorbent product for acquisition, distribution and storage of
2 bodily fluids, said product comprising:

3 a fluid pervious top sheet;

4 a fluid impervious backsheet;

5 an absorbent structure disposed between said topsheet and said
6 backsheet, said absorbent structure including:

7 an fluid aquisition and distribution layer;

8 a storage layer positioned beneath the acquisition and
9 distribution layer and in fluid communication therewith, said storage layer including
10 SAP; and

11 a distribution strip positioned beneath the storage layer and in
12 fluid communication therewith, said distribution strip including cellulosic fibers and
13 having a basis weight of between 45 grams per square meter and 140 grams per square
14 meter and having a density of between 0.20 grams per cubic centimeter and 0.60 grams
15 per cubic centimeter.